

# Supply Chain Management System Project (SCMS)

*Partnering to Improve Supply Chain Performance*

South Africa Partners Meeting

July 27-28, 2006

Birchwood Conference Center, Gauteng

**Supply Chain  
Management System**

Providing Quality Medicines for People Living with and Affected by HIV and AIDS



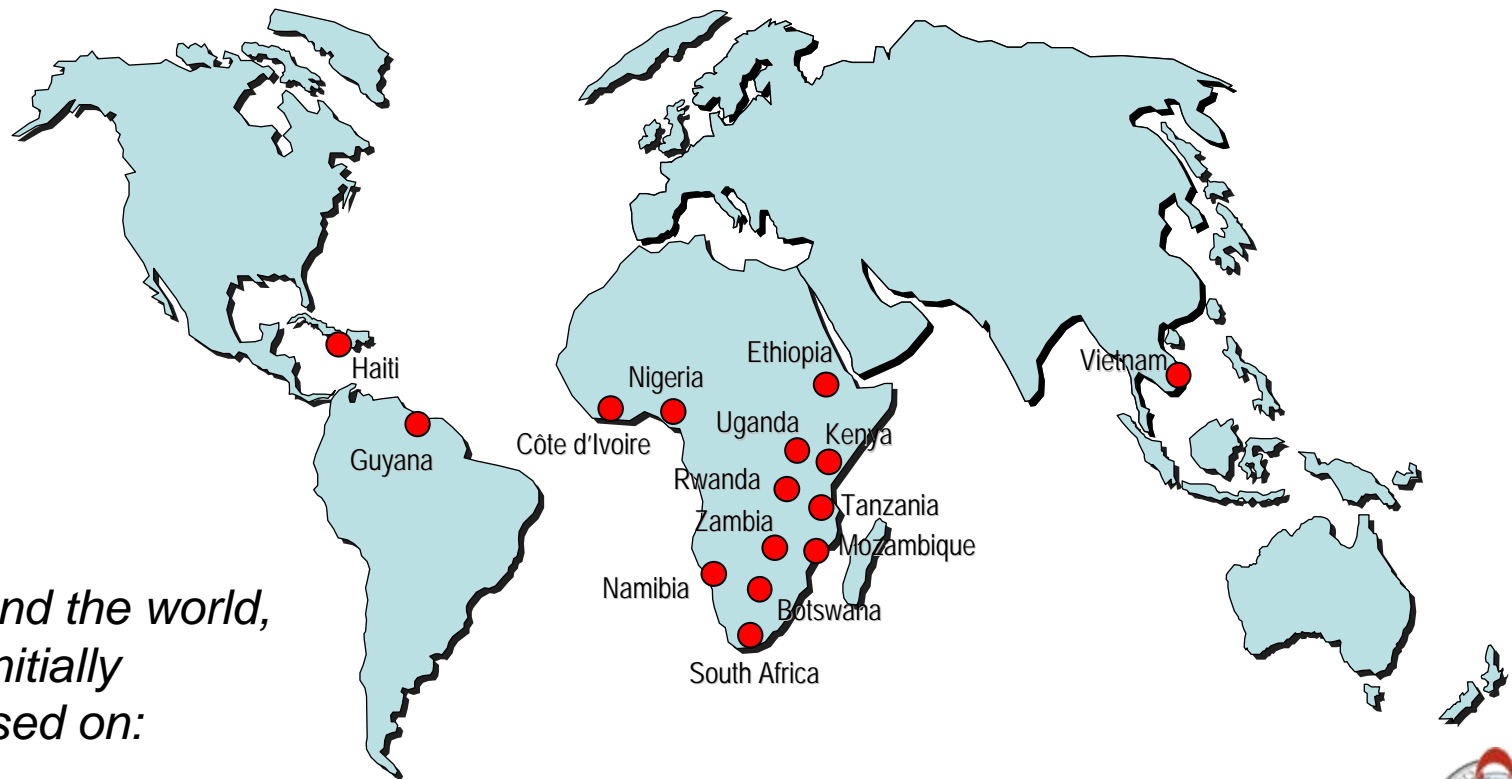
# SCMS Mission

To strengthen or establish secure, reliable, cost-effective and sustainable supply chains to meet the care and treatment needs of people living with or affected by HIV and AIDS. In collaboration with in-country and international partners, SCMS will:

- Deploy innovative solutions to assist programs to enhance their supply chain capacity
- Provide quality, best-value, health care products to those who need them
- Ensure accurate supply chain information is collected, shared and used



# SCMS: a Global Project



*Around the world,  
but initially  
focused on:*

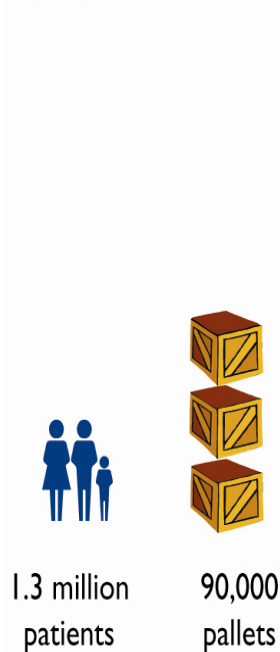
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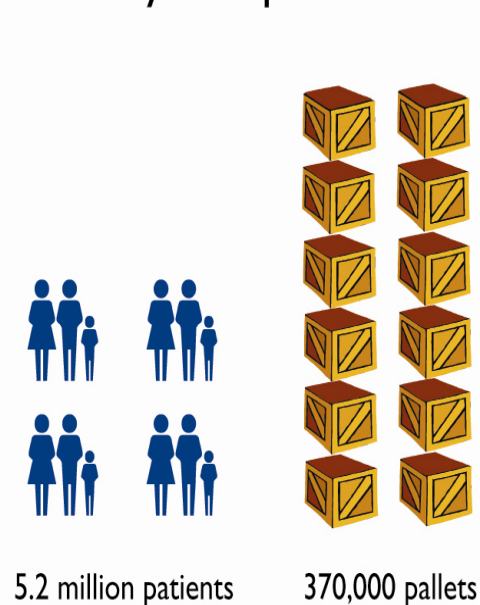


# Annual Need for Services and Supplies

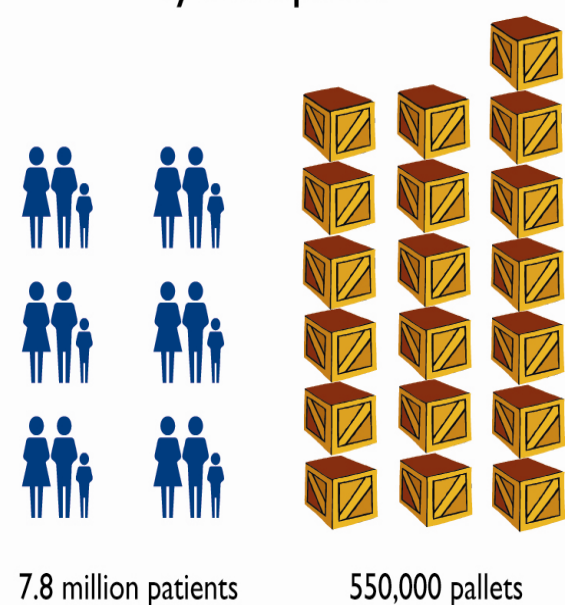
Treatment estimates  
at the end of 2005



Scaling up treatment  
by a multiple of 4



Scaling up treatment  
by a multiple of 6



= 1.3 million patients



= approximately 30,000 pallets  
of ARVs, OIs and STIs



# Supporting Partners Through Technical Assistance

- Systems assessment and work planning
- Quantification/forecasting
- Procurement
- Quality Assurance
- Freight forwarding and inventory management
- Distribution
- Logistics MIS
- Human and organizational capacity
- Sustainability planning
- Assistance to manufacturers and suppliers



# Categories of HIV/AIDS Commodities

- ARVs (including FDA tentatively approved generics) for adults and children
- Drugs for opportunistic infections
- Drugs for STIs
- Drugs for home care and palliative care
- Drugs for tuberculosis
- Rapid HIV test kits
- Laboratory equipment and supplies
- Medical supplies
- Miscellaneous (e.g., vehicles)



# SCMS Freight Forwarding and Inventory Management

- Regional Distribution Centres (RDC) for efficiency and cost
- Smaller, regular shipments to protect local systems
- Timely, accurate and safe transport including cold/cool chain
- Delivery of drugs and commodities door-to-door
- Physical security measures
- Shipment tracking from supplier to recipient
- Rapid response to emergency commodity requests



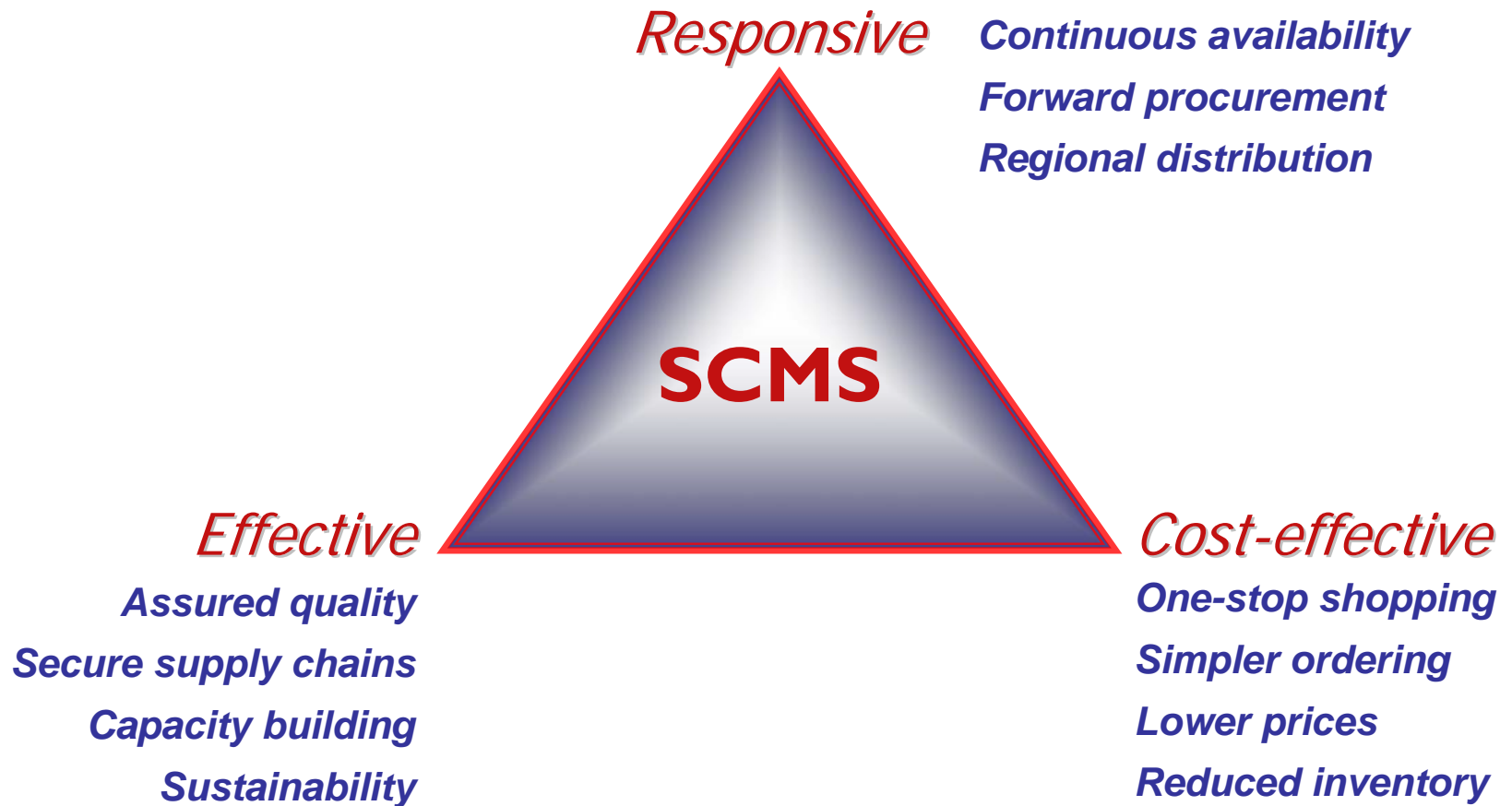
# Improving Availability and Use of Information

- Global supply chain visibility
  - Requirements estimates
  - Product registration status
  - Funds
  - Production capacity
  - Procurement status
  - Shipment and receipt status
  - Regional distribution center inventory management
  - Returns
- Product pedigree





# SCMS Benefits



**Supply Chain  
Management System**

Providing Quality Medicines for People Living with and Affected by HIV and AIDS



# The Partnership for Supply Chain Management (PSCM)

- Non-profit partnership established for SCMS
  - JSI Research & Training Institute, Inc. (JSI)
  - Management Sciences for Health (MSH)
- SCMS project team: 17 institutions
  - Nonprofit organizations
  - Commercial private sector corporations
  - Academic institutions
  - Faith-based organizations



# SCMS Project Team

- **Affordable Medicines for Africa**  
Johannesburg, South Africa
- **AMFA Foundation**  
St. Charles, Illinois, USA
- **Booz Allen Hamilton**  
McLean, Virginia, USA
- **Crown Agents Consultancy, Inc.**  
Washington, DC, USA
- **The Fuel Logistics Group (Pty) Ltd.**  
Sandton, South Africa
- **International Dispensary Association**  
Amsterdam, Netherlands
- **JSI Research & Training Institute, Inc.**  
*Boston, Massachusetts, USA*
- **Management Sciences for Health, Inc.**  
*Boston, Massachusetts, USA*
- **The Manoff Group, Inc.**  
Washington, DC, USA
- **MAP International**  
Brunswick, Georgia, USA
- **Net1 UEPS Technologies, Inc.**  
Rosebank, South Africa
- **The North-West University**  
Potchefstroom, South Africa
- **Northrop Grumman**  
McLean, Virginia, USA
- **Program for Appropriate Technology in Health**  
Seattle, Washington, USA
- **UPS Supply Chain Solutions<sup>SM</sup>**  
Atlanta, Georgia, USA
- **Voxiva, Inc.**  
Washington, DC, USA
- **3i Infotech, Inc.**  
Edison, New Jersey, USA



# A Few Things We Are Not!

- A new in-country vertical supply chain
- A replacement for existing Drug Supply Organisations
- Mandatory, use of SCMS is voluntary
- Only allowed to supply branded products, we will supply generic products
- Importers of unregistered products
- Barred from purchasing from local suppliers
- Imposing a one-size fits all solution



# Questions

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*Thanks!*

For more information:

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